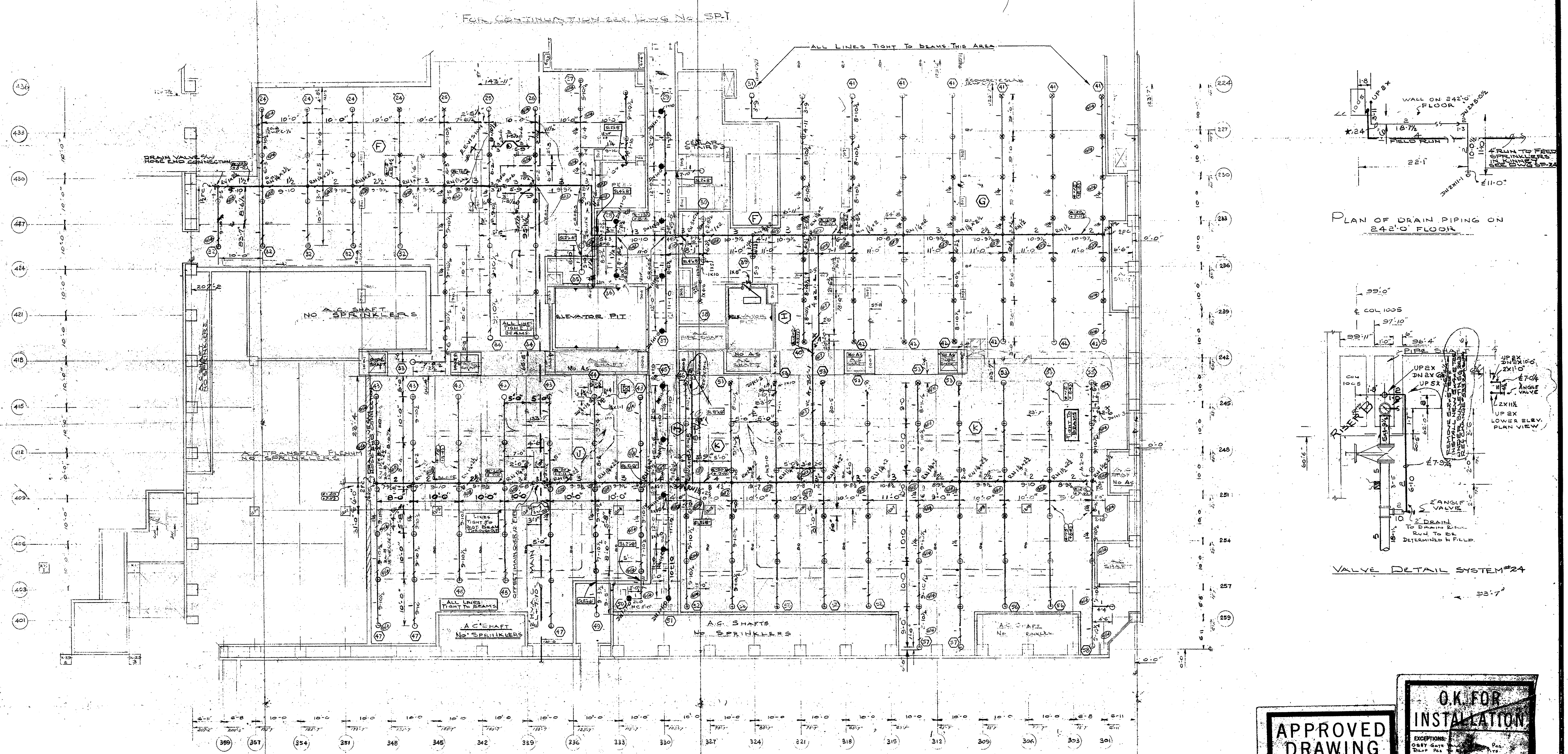


7 2-7-75 AB AS INSTALLED

6 3/25/74 AWD REMOVE EXISTING 5x2x5 TEE & INSTALL NEW 5x4x5 TEE TO FEED SPRINKLER IN KINNEY ON EL. 242'-0" EAST OF TOWER A BULLETIN S.G. 203 REF 533.264 SUPP #1

APPROVED DRAWING
PER ___ DATE 6/20/69

O.K. FOR INSTALLATION
EXCEPTIONS:
PER ___

DISTRIBUTION RECORD

DATE	REV. NO.	NO. OF COPIES	DISTRIBUTED TO
6-20-69	2	11	TISHMAN REALTY C.C.

RECORD OF TRADE COORDINATION

TRADE	COMPANY	BY	DATE
HVAC	SAND-COURTER	M.S.	10-14-68
SHEET METAL	ALPINE-BROOK-TRIANGLE	MF	10-14-68
PLUMBING	JARCHO BROS., INC.	RB	10-14-68
ELECTRICAL	NAGER ELECTRIC CO., INC.	EBE	10-14-68

RECORD OF FINAL PLAN APPROVAL

AUTHORITY	NAME	BY	DATE
P.O.N.Y.A.			
J. B. & B.			6-17-69
N.Y.F.I.R.O.			4-30-69
EMPLOYER'S GROUP OF INSURANCE CO.'S			

REFERENCE DRAWINGS

INFORMATION	BY	DWG. NO.	DATE	LATEST REV. NO.	LATEST REV. DATE
ARCH.		AA-10	7-31-67	5	11-1-68
		AA-11	7-31-67	5	11-1-68
STRUCT.		SA-5	9-12-66	5	7-17-68
CONC.		SCA-5	5-1-68	1	12-16-68
		SCA-6	5-1-68	1	12-16-68
MECH. (DUCTS)		NE-SL-3	8-9-68	2	10-7-68
(ABT.)		NW-SL-3	8-7-68	1	8-9-68
		SE-SL-3	8-13-68	2	10-1-68
		SW-SL-3	8-12-68	1	9-10-68
		C-SL-3	8-16-68	1	9-10-68
ELEC.		EA-4	10-16-67	2	1-31-69
PLUMB.		PA-5	10-16-67	3	1-16-69
SPKR.		SP-J-6	5-15-68	1	7-12-68

LEGEND OF SYMBOLS

ABBREVIATIONS

(A)	MAIN DESIGNATION
(2)	BRANCH DESIGNATION
WMG	WATER MOTOR GONG
ABD	AUTO BALL DRIP
FC	FLUSHING CONN.
FDC	FIRE DEPT. CONN.
ITC	INSP. TEST CONN.
C-C	CENTER TO CENTER
TxG	THREAD BY GROOVE
PE	PLAIN END
RN	RISE NIPPLE
DN	DROP NIPPLE
OWSJ	OPEN WEB STEEL JOINT
WJ	WOOD JOIST
WF, BM	BEAM DESIGNATION S
CB	CONCRETE BEAM
COL	COLUMN
DO.	DITTO
H.C.	HUNG CEILING
SG	SPRINKLER GUARD
AFF	ABOVE FINISHED FLOOR

INFORMATION ALONG PIPE LINES

HANGER — Type, Rod Length, Location
PIPE — Size 1½, Cut Length 9-10
℄ ELEVATION — Below Slab or Top of Steel 28, [+9-1] Abv. Fin. Flr., Pitch Dn (or Up)

ALARM CHECK VALVE (A.V.)
O.S. & Y. GATE VALVE
DRY VALVE (D.V.)
CHECK VALVE
D.V. WITH EXHAUSTER
POST INDICATOR VALVE (P.I.V.)
WATER FLOW DETECTOR (W.F.D.)
WALL P.I.V.

STANDARD HANGERS

1	C-CLAMP
2	OFFSET C-CLAMP
4A	2 NUTS, WASHER
5	EXPANSION SHIELD
6	INSERT NUT
8	TOGGLE
9	LAG ROD
10	BEAM CLAMP
11	J-ROD
12	HORIZ. LAG BOLT
12A	HORIZ. EXP. SHIELD
21	TRAPEZE BAR
22	YOKE STAND

SPRINKLER HEAD TABULATION

MFR'S. MODEL NO.	SIZE	TYPE	FINISH	SYMBOL	160°	212°	280°
		UPRIGHT	BRASS		138		
		PENDANT	BRASS		66		
		PENDANT	CHROME				
		FLUSH PENDANT	CHROME		13		
		SIDEWALL			7		

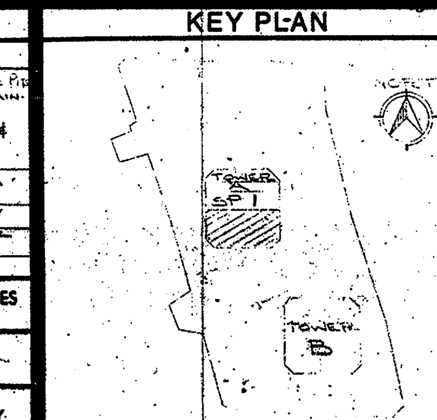
TOTAL SPRINKLERS ON THIS SHEET 224
TOTAL SPRINKLERS ON ENTIRE JOB ___

REVISIONS

NO	DATE	BY	DESCRIPTION
1	5-9-69	DRB.	ADD. SIDE WALL HDS IN ELEVATR PIT. RE-LOCATE DRAIN ON FEED MAIN. HD. SYMBOLS REVISED. ADD. CUT LENGTHS OF PIPES & HANGERS, DESIGNATIONS OF LINES & MAINS.
2	6-4-69	J.R.	HEAD COUNT REVISED, 2" DRAIN VALVE ADDED
3	MAR 15/71	L.M.	DRAIN PIPING SHOWN BELOW 264'-0" FLOOR
4	MAR 19/71	AB	8" MAIN REVISED TO CLEAR 12" HVAC PIPING
5	JUNE 14/71	LM	REVISED TO SUIT AS INSTALLED

ARCHITECT: MINORU YAMASAKI & ASSOCIATES, EMORY ROTH & SONS
MECHANICAL ENGINEER: JAROS, BAUM & BOLLES
CUSTOMER: PORT OF NEW YORK AUTHORITY

KEY PLAN



COURTER-SAND-MARGOLIN
A JOINT VENTURE
30 CHURCH ST., NEW YORK, N. Y.

JOB

THE WORLD TRADE CENTER

THE PORT OF NEW YORK AUTHORITY

TITLE

SPRINKLER SYSTEM TOWER A SOUTH
SUB LEVEL 3 EL. 264'-0"

DRAWN BY	CHECKED BY	APPROVED BY	DWG. NO.
L.B.			SP-2
DATE	JOB NO.	SCALE	OF 150
4-16-69	WTC 310 70	1/8"=1'-0"	

H-266-4